Alex R Gunderson

List of Publications by Year
in descending order

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26 papers	2,029 citations	516710 16 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	2677 citing authors

#	Article	IF	Citations
1	Thermal Costs and Benefits of Replicated Color Evolution in the White Sands Desert Lizard Community. American Naturalist, 2022, 199, 666-678.	2.1	7
2	The Physiological and Evolutionary Ecology of Sperm Thermal Performance. Frontiers in Physiology, 2022, 13, 754830.	2.8	8
3	Interactions Between Temperature Variability and Reproductive Physiology Across Traits in an Intertidal Crab. Frontiers in Physiology, 2022, 13, 796125.	2.8	0
4	Testing for genetic assimilation with phylogenetic comparative analysis: Conceptual, methodological, and statistical considerations. Evolution; International Journal of Organic Evolution, 2022, 76, 1942-1952.	2.3	6
5	Competing native and invasive Anolis lizards exhibit thermal preference plasticity in opposite directions. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2021, 335, 118-125.	1.9	12
6	Thermal adaptation revisited: How conserved are thermal traits of reptiles and amphibians?. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2021, 335, 173-194.	1.9	98
7	Heat hardening in a pair of Anolis lizards: constraints, dynamics and ecological consequences. Journal of Experimental Biology, 2021, 224, .	1.7	16
8	FE Spotlight: Sex, heat and phenotypic plasticity. Functional Ecology, 2021, 35, 2618-2620.	3.6	1
9	Egg incubation temperature does not influence adult heat tolerance in the lizard Anolis sagrei. Biology Letters, 2020, 16, 20190716.	2.3	26
10	Thermal niche evolution across replicatedAnolislizard adaptive radiations. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172241.	2.6	38
11	Estimating the benefits of plasticity in ectotherm heat tolerance under natural thermal variability. Functional Ecology, 2017, 31, 1529-1539.	3.6	75
12	Indirect Effects of Global Change: From Physiological and Behavioral Mechanisms to Ecological Consequences. Integrative and Comparative Biology, 2017, 57, 48-54.	2.0	19
13	Species as Stressors: Heterospecific Interactions and the Cellular Stress Response under Global Change. Integrative and Comparative Biology, 2017, 57, 90-102.	2.0	15
14	A conceptual framework for understanding thermal constraints on ectotherm activity with implications for predicting responses to global change. Ecology Letters, 2016, 19, 111-120.	6.4	81
15	Biological Impacts of Thermal Extremes: Mechanisms and Costs of Functional Responses Matter. Integrative and Comparative Biology, 2016, 56, 73-84.	2.0	95
16	Multiple Stressors in a Changing World: The Need for an Improved Perspective on Physiological Responses to the Dynamic Marine Environment. Annual Review of Marine Science, 2016, 8, 357-378.	11.6	464
17	Patterns of Thermal Constraint on Ectotherm Activity. American Naturalist, 2015, 185, 653-664.	2.1	65
18	Plasticity in thermal tolerance has limited potential to buffer ectotherms from global warming. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150401.	2.6	531

#	Article	IF	Citations
19	Rapid Change in the Thermal Tolerance of a Tropical Lizard. American Naturalist, 2012, 180, 815-822.	2.1	101
20	Geographic variation in vulnerability to climate warming in a tropical Caribbean lizard. Functional Ecology, 2012, 26, 783-793.	3.6	90
21	Maltreated nestlings exhibit correlated maltreatment as adults: Evidence of a â€œcycle of violenceâ€•in Nazca Boobies (Sula granti). Auk, 2011, 128, 615-619.	1.4	15
22	Tests of the contribution of acclimation to geographic variation in water loss rates of the West Indian lizard Anolis cristatellus. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2011, 181, 965-972.	1.5	25
23	Reproductive Success of Eastern Bluebirds (Siala sialis) on Suburban Golf Courses. Auk, 2011, 128, 577-586.	1.4	10
24	Evidence that plumage bacteria influence feather coloration and body condition of eastern bluebirdsSialia sialis. Journal of Avian Biology, 2009, 40, 440-447.	1.2	72
25	Resistance of melanized feathers to bacterial degradation: is it really so black and white?. Journal of Avian Biology, 2008, 39, 539-545.	1.2	86
26	FEATHER-DEGRADING BACTERIA: A NEW FRONTIER IN AVIAN AND HOSTâ€“PARASITE RESEARCH?. Auk, 2008, 125, 972-979.	1.4	73